MI Access™
Michigan's Alternate Assessment Program

Functional Independence

Mathematics

Official Released Items

Grade 5

Fall 2006
Official Released Items

MICHIGAN STATE BOARD OF EDUCATION
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The Grade 5 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2006 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2006 Grade 5 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 5

Mathematics Strand	Number of Core Items
Numbers and Operations	16
Measurement	10
Geometry	2
Data Analysis	2
Total Core Items/Points	**30**
Released Items	**10** **(Numbers vary by strand and topic.)**

> **DIRECTIONS**: Read each question. Choose the **BEST** answer for each question.

Use the picture below to answer question **R1**.

R1   What is the length of the ticket to the **nearest** inch?

   A   2 inches

   B   3 inches

   C   4 inches

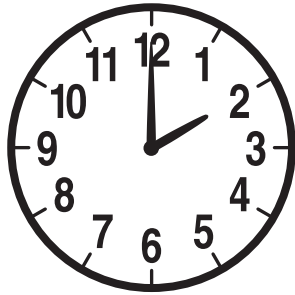20007012

Use the coins below to answer question **R2**.

R2   Which of these can be bought with the coins shown?

    A   a drink for 35¢

    B   a notebook for $1

    C   a pencil for 50¢

20007022

R3 It is 2:00 now.

What time will it be in 1 hour?

A 12:00

B 1:00

C 3:00

20007016

Use the chart below to answer question **R4**.

Bicycle Wheels

Number of Bicycles	Total Number of Wheels
1	2
2	4
3	6
4	?
5	?

R4   What is the total number of wheels on 5 bicycles?

A   10

B   8

C   7

90008019

R5   Lisa has 20 colored pencils.

What is the word for 20?

A   two

B   twenty

C   two hundred

20007041

R6   Beth is fourteen years old.

What is the number for fourteen?

A   10

B   12

C   14

20007042

R7 Which number is in the hundreds place in 573?

    A 3

    B 5

    C 7

20007040

R8 Brian had 10 pencils.

He bought a new pack of 12 pencils.

About how many pencils does he have now?

    A 10

    B 20

    C 30

90010009

R9   Jim had 9 books.

He took 5 books back to the library.

How many books does he have **left**?

A   1

B   4

C   5

90008025

R10   Stu had 10 pencils.

He bought 9 more pencils.

About how many pencils does he have now?
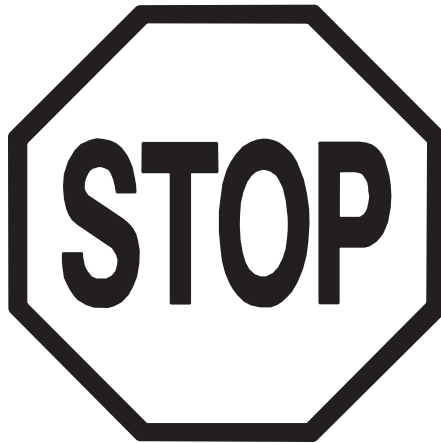
A   10

B   15

C   20
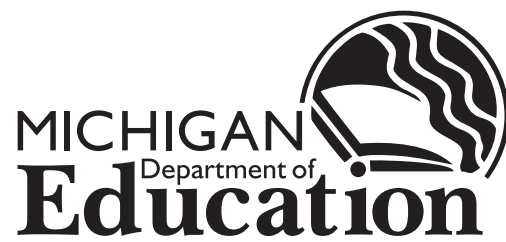
20007001

STOP

Do Not Continue.

Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 5 assessment will measure the Grade 4 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R4	D.RE.04.EG03	Solve problems using tables, graphs, tallies and pictographs	A
		MEASUREMENT	
R1	M.UN.04.EG03	Measure lengths to the nearest inch	B
R2	M.UN.04.EG07	Identify different denominations of coins and bills	A
R3	M.PS.04.EG06	Solve one-step word problems	C
		NUMBERS AND OPERATIONS	
R5	N.ME.04.EG01	Read, write and count using whole numbers to 1000 in numerals and words, and relate them to the quantities they represent	B
R6	N.ME.04.EG01	Read, write and count using whole numbers to 1000 in numerals and words, and relate them to the quantities they represent	C
R7	N.ME.04.EG04	Express numbers up to 1000 using place value, e.g., 137 is 1 hundred, 3 tens, and 7 ones.	B
R8	N.FL.04.EG15	Apply estimation in solving problems	B
R9	N.FL.04.EG11	Add and subtract two numbers with 1 or 2 digits each	B
R10	N.FL.04.EG15	Apply estimation in solving problems	C